



# LEEC

LOUISIANA ENVIRONMENTAL  
EDUCATION COMMISSION

## What's Inside!

Grants, Workshops	2
Workshops, cont.	3
Webinars, Employment Opportunities	4
Event, Resources	5

*A Weekly Compilation of Environmental Education News from Across Louisiana*

# The 16th Louisiana Environmental Education Symposium

## Wrap Up in Pictures



## THANK YOU

...to our sponsors, SHELL and BTNEP, our joint hosts, LDWF and LEEA, our many presenters and exhibitors, our participants, and the Baton Rouge Marriott for making the 16th Louisiana Environmental Education Symposium a success! We had a great time and hope the teachers who participated were inspired to share what they learned with their students! See you next year!



See attached for our recycled centerpieces' sustainability descriptions and materials used!



## GRANTS

**LEEC 2013-2014 Grant RFPs Released — Submission deadline for each of these grants is March 15, 2013!**

***Applications will be accepted via electronic submission only.***

### **Educator Grants**

- Based on sound scientific principles, have an environmental focus, and be designed to directly impact Louisiana students
- Those eligible: Accredited K-12 Louisiana schools
- Maximum award: **\$1,000 for 1 teacher or \$2,000 for a team**

[Educator Grant Guidelines](#)

[Educator Grant Application](#)

### **Formal/Non-Formal Educator/Professional Development Grants**

- Based on sound scientific principles, have an environmental focus, and be designed to directly impact pre-service and/or in-service educators in Louisiana
- Those eligible: Louisiana education, state, or environmental agencies, colleges, universities, or 501(C)(3) nonprofit organizations
- Maximum award: **\$2,500**

[Professional Development Grant Guidelines](#)

[Professional Development Grant Application](#)

### **School Sustainability Grants**

- Designed to encourage student learning via sustainability initiatives in EPA Region 6 K-12 schools
- Proposals to be considered are those within a specific school campus that will both actively engage students and result in a more sustainable facility.
- Those eligible: Accredited K-12 schools in EPA Region 6 area – **Arkansas, Louisiana, New Mexico, Oklahoma, & Texas**
- Project funds are provided via a grant from the EPA Office of Environmental Education Sub-Grants Program to LDWF
- Maximum award: **\$5000.00**

[Sustainability Grant Guidelines](#)

[Sustainability Grant Application](#)

### **University Research Grants**

- Post-graduate research with a focus on environmental issues
- Those eligible: Students attending Louisiana colleges or universities and who are working toward a Masters, Ph.D., or conducting Ph.D. research are eligible to apply on behalf of their school
- Maximum award: **\$1,200**

[Research Grant Guidelines](#)

[Research Grant Application](#)

For more information, visit our website at: [www.wlf.louisiana.gov/eec](http://www.wlf.louisiana.gov/eec) or contact Venise Ortego at [vortego@wlf.la.gov](mailto:vortego@wlf.la.gov).

## WORKSHOPS

### **Acadiana RC&D Council Lecture Series**

"Creating a Backyard Bird Habitat" Thursday, **March 7, 2013**, 7 pm - 8 pm

South Regional Library, 6101 Johnston Street

Guest Speakers: Mr. Martin "Marty" Floyd, Mr. William "Bill" Fontenot, Mr. Marcus Descant

Acadiana Resource Conservation and Development Council, Inc. is a local non-profit organization that serves nine Parishes: Acadia, Avoyelles, Evangeline, Iberia, Lafayette, St. Landry, St. Mary, St. Martin and Vermilion. Organized and directed by volunteers, Acadiana RC&D provides a variety of programs aimed to sustain and conserve the natural resources on which the regional community depends. For more information, visit: [www.acadianarcd.com](http://www.acadianarcd.com)

### **Coastwide Reference Monitoring System (CRMS) Site Training Session**

The public is invited to join members of the United States Geological Survey (USGS) for a training session and presentation on how to use the CWPPRA Coastwide Reference Monitoring System (CRMS) website

**Tuesday, March 19, 2013**, 9:30am to 11:30am, LaSalle Building

(11th Floor I. T. Training Room), 617 North Third Street, Baton Rouge, LA

This training will present recent updates to the website and will also demonstrate how to download coastal protection and restoration project monitoring data.

**Space is limited.** We ask that organizations designate no more than three representatives to attend the training. Training is held at least twice a year so future opportunities will be available.

To RSVP, contact Sarai Piazza Sarai Piazza, US Geological Survey, (225) 578-7044, [piazzas@usgs.gov](mailto:piazzas@usgs.gov) with a list of participants from your organization no later than Tuesday, March 12th, 2013.





## WORKSHOPS, CONTINUED

The Louisiana Environmental Education Association (LEEA), in partnership with the Environmental Education Association of New Mexico (EEANM), is pleased to announce four short courses throughout the state. Teachers and members of the public are invited to participate. Participants must sign up with the identified contacts below.

### **Explore-A-Swamp Ecosystem Workshop**

**Saturday, March 23, 8:00 a.m.-3:00 p.m.**

**Black Bayou Lake National Wildlife Refuge (NWR) north of Monroe**

**Contact: Amy Ouchley [biouchley@yahoo.com](mailto:biouchley@yahoo.com) or 318-366-4383**

**Up to 6 CLUs**



This 6-hour workshop will feature the enhancement of nature observation skills through nature-hiking, observing, recording, sketching, journaling, and nature literature. Fifteen participants will explore Black Bayou Lake National Wildlife Refuge with two experienced environmental educators and naturalists. Amy Ouchley is also a nature writer and Gay Brantley is also a nature illustrator. Each participant will also receive a new book by author Amy Ouchley entitled "Swamper, Letters from a Louisiana Swamp Rabbit." This book contains 12 letters from Swamper, a swamp rabbit, who writes about the ecology of the bottomland hardwood forest. Gay Brantley illustrated the book, which also contains photographs of the ecosystem. Participants will also receive a nature journal, art supplies, reusable water bottle, and classroom activities.

### **Beyond the Bay: A Teacher Workshop about Barrier Islands**

**Friday, June 7, 5:00 p.m.-8:30 p.m. & Saturday, June 8, 7:00 a.m.-3:30 p.m.**

**Louisiana Universities Marine Consortium, Cocodrie, LA**

**Contact: Jennifer "Murt" Conover [MConover@LUMCON.edu](mailto:MConover@LUMCON.edu) 985-851-2860**

**Fee: \$25**

**Up to 12 CLUs**



Beyond the Bay is a teacher workshop designed to expose teachers to some of Louisiana's coastal habitats through exploration of a barrier island and the organisms that rely on them. By participating, teachers will be immersed in some of the rich and diverse coastal environments of south Louisiana. The workshop will require teachers to travel to, visit, and explore the DeFelice Marine Center located in Cocodrie, LA. Through this experience teachers will benefit from having access to the labs, classrooms, vessels, and other resources available at the marine center. The workshop will include a small boat trip out to the barrier island named Trinity Island located south of Terrebonne Parish. The focus of the trip will be on the different habitat types of the island and how birds and other organisms use them. The participants will also be introduced to barrier island formation, beach profiling, marine debris, and beach seining.

### **Bicycling the New Orleans Lakefront: The History of a Lake, a Light and a Coast**

**Saturday, March 23, 10:00 a.m. to 1:00 p.m.**

**New Canal Lighthouse-8001 Lakeshore Drive, New Orleans, LA**

**Contact: Joann Burke [Joann@saveourlake.org](mailto:Joann@saveourlake.org) or 504-836-2238**

**Fee: \$10**

**Up to 3 CLUs**



This casual morning bike ride will feature information on the history of the lake, the lakefront, and the region while biking and observing nature in an urban setting. Fifteen participants will travel Lakeshore Drive by bicycle, stopping at several spots to hear about the region's history and the work LPBF has done and continues to do to SAVE OUR LAKE and SAVE OUR COAST. Each participant will receive an interactive CD of "Lessons on the Lake: An Educator's Guide to the Pontchartrain Basin" as well as admission to the New Canal Lighthouse Museum. Enjoy being on your own bike and learning about Lake Pontchartrain and the coast. Note: Please dress for biking. Wear sturdy shoes (no flip-flops or sandals) and appropriate clothes. Bike helmet is required.

### **Fish for Success!**

**Date/Time: TBA**

**Booker Fowler Fish Hatchery, 10 Joan Stokes Rd., Forest Hill, LA 71430**

**Contact: Angela Capello [ACapello@wlf.louisiana.gov](mailto:ACapello@wlf.louisiana.gov) or (318) 748-6914**

**Up to 6 CLUs**



Participants will gather at the Booker Fowler Fish Hatchery, located in Rapides Parish just south of Alexandria. This exciting location boasts over 10,000 gallons of aquaria that includes Native Louisiana fish, reptiles, amphibians, and crustaceans all displayed in the various aquaria in the Visitors Center. This Louisiana Department of Wildlife and Fisheries training will introduce people to the sport of fishing and promote awareness of the aquatic resources in the state. While Louisiana schools have achieved unprecedented academic growth over the last decade this hands on fisheries workshop will define higher expectations for student work, focusing on critical thinking, and the use of evidence for decision making. Subjects covered in this aquatic education clinic include outdoor ethics, fish identification, tackle selection and fishing techniques. Participants also are involved in actual fishing activities. Additionally, this educational program is being held at the Booker Fowler Fish Hatchery to demonstrate the techniques used to raise fish in an artificial environment. NOTE: Tours of the hatchery were conducted for school students and the general public. Educational materials and special presentations were made available through the visitor center.

Funding for these four short courses was made available through the EPA Environmental Education Regional Grants program. To learn more about LEEA, visit: <http://www.louisianaenvironmentaleducation.org/>

## WEBINARS

### OneNOAA Science Seminars

All seminars are open to the public (unless otherwise indicated) and offer limited remote access on a first come first served basis. Please check the [OneNOAA Science Seminars](#) web page for the most updated seminar information. For questions about the OneNOAA Science Seminars please contact Hernan Garcia, [Hernan.Garcia@noaa.gov](mailto:Hernan.Garcia@noaa.gov).

- [Archiving and Accessing your Ocean Data for the Long Term: NOAA's National Oceanographic Data Center \(NODC\) Today](#) February 27, 2013; 12:00-13:00 Eastern Time; NOAA HQ [SSMC-4](#) Room 8150
- [Tracking Climate Change in the Northern California Current Pelagic Ecosystem: Response of Zooplankton in the Oregon Upwelling Zone to Large-Scale Climate Forcing with Thoughts on the Looming Problems of Hypoxia and Ocean Acidification](#) February 28, 2013; 11:00-12:00 Pacific Time; NOAA [NWFSC Auditorium](#) (Seattle, WA)
- [Ocean Acidification: Is The Sky Really Falling?](#) February 28, 2013; 16:00-17:00 Eastern Time; Online Access Only
- [Using Super High-Definition Videography to Gather Broad-Scale Baseline Data on the Distribution and Abundance of Marine Species](#) March 05, 2013; 12:00-13:00 Eastern Time; NOAA HQ SSMC-3 10th Floor Large Conference Room 10836
- [The National Climate Assessment, Alaska Chapter](#) March 06, 2013; 10:00-11:00 Alaska Time; Online Access Only
- [The Ocean Health Index: Global Assessment and Future Directions](#) March 06, 2013; 13:00-14:00 Eastern Time; NOAA HQ SSMC-3, Room 12817
- [Small Pelagic Fish and Climate](#) March 7, 2013; 11:00-12:00 Pacific Time; NOAA [NWFSC Auditorium](#) (Seattle, WA)
- [Dr. Athelstan Spilhaus: How a South African Scallywag Became "The Flywheel of American Science"](#) March 7, 2013; 12:00-13:00 Eastern Time; NOAA HQ SSMC-3 2nd Floor Library
- [Drought Prediction](#) March 12, 2013, 13:00 - 14:15h Eastern Time; NOAA HQ [SSMC-3](#) 12th Floor Fishbowl
- [From Ridge Tops to Wave Tops; Exploring The Life History of Central California Steelhead in Stream, Estuarine and Ocean Habitats](#) March 14, 2013; 11:00-12:00 Pacific Time; NOAA [NWFSC Auditorium](#) (Seattle, WA)
- [Turning Visitors into Partners: Challenges and Successes at Golden Gate National Recreation Area](#) March 14, 2013; 13:00 -14:00 Eastern Time; Remote Access Only
- [Management and Conservation of Fisheries and Marine Resources in the Gulf of Mexico and Caribbean Sea under Future Climate Change Scenarios](#) March 20, 2013; 11:00-12:00 Eastern Time; NOAA HQ [SSMC-3](#) Room 9836
- [The Ocean Project: Updates and Major Findings](#) March 20, 2013; 12:00-13:00 Eastern Time; NOAA HQ [SSMC-3](#) Library

## EMPLOYMENT OPPORTUNITY

### Assistant/Associate Executive Director for Research

Louisiana Sea Grant (LSG) is seeking applications for an Assistant/Associate Executive Director for Research. **Qualifications:** Advanced degree in the coastal sciences or related field is required. Candidates with an earned doctorate with demonstrated capabilities in the management and performance of multidisciplinary research programs and with a publication record will be given preference. Several years of experience in research, research program management and outreach is preferred. The candidate should have excellent oral and written communications and interpersonal skills; along with experience in proposal peer review procedures and grants management practices.

This position will be located at Louisiana Sea Grant as an employee of Louisiana State University. **Required Qualifications:** Ph.D. degree or M.S. with five years experience in administering coastal programs. **Additional Qualifications Desired:** Experience working with different aspects of the environmental and social sciences that promote leadership in coastal zone research, education and outreach. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is **March 15, 2013** or until a candidate is selected. Apply online and see more detailed ad at: <https://lsusystemcareers.lsu.edu> . Position PN 020714 - Associate ED. Interested candidates can also contact Dr. Robert Twilley, Executive Director of Louisiana Sea Grant, at [rtwilley@lsu.edu](mailto:rtwilley@lsu.edu).

**FREE screening and discussion!**

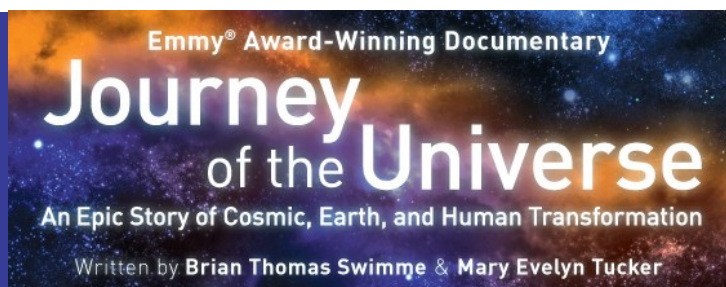
Loyola University

**Saturday, March 9**

9:00 am-noon

See attached flyer or

[click here](#) for more information.



## EVENTS

### "I Remember..." Art Show!

Join CWPPRA for the opening night of "*I Remember ...*" an art show of environmental significance! Meet Lt. Gov. Jay Dardenne; Artists Lane Lefort and Marian Brister Martinez; and 10 Coastal Stewards who all share their wetland stories via recorded oral histories. Opening Night is **Wednesday, March 13, 2013** at the Jean Lafitte National Historical Park and Preserve at 314 St. Mary Street, Thibodaux, LA from 6:30 PM to 9:00 PM. Refreshments will be served.

- 11- 20" by 30" still, environmental portrait photos that beautifully record of the essence of the people who are some of the many stakeholders in Louisiana's wetlands by photographer Mr. Lane Lefort;
- 10- 24" by 30" oil on canvas paintings depicting life as it was in the past along the lower Mississippi River by artist Ms. Marian Brister Martinez;
- 10 still photos of various sizes in a collection of Louisiana wildlife and our hauntingly beautiful environment by photographer Mr. Lane Lefort;
- 10 audio and video oral histories that are exactly transcribed and include prepared metadata information; and more.

*Special thanks to the Barataria-Terrebonne National Estuary Program, the Barataria-Terrebonne Estuary Foundation, and the Jean Lafitte National Historical Park and Preserve for making this event possible.*

Please RSVP to: Jenny Schexnayder, BTNEP Office Coordinator at [Jenny@BTNEP.org](mailto:Jenny@BTNEP.org) or call 985-447-0868 OR Cole Ruckstuhl, CWPPRA Media Specialist at [RuckstuhlC@usgs.gov](mailto:RuckstuhlC@usgs.gov) or call 337-266-8542

For additional information about the show contact: Susan Testroet-Bergeron, CWPPRA Outreach Coordinator, [BergeronS@usgs.gov](mailto:BergeronS@usgs.gov) or call 337-266-8626.

### DELTAS 2013 Conference

#### DELTAS2013VIETNAM: World Delta Dialogues II

#### *Ecosystem Solutions in a World of Unintended Consequences*

International sector and governmental leaders will assemble in Ho Chi Minh City to consider the state of the world's working deltas and how global cooperation will lead to sustaining these valuable ecosystems in service to people, commerce and the environment. *Registration is FREE. For more information or to register [click here](#).*

## RESOURCES

### Make Your Own Infographics

Create and share infographics and interactive charts in minutes with this [website](#). K-college teachers will find templates and instructions for presenting data creatively. Learn how to produce customizable, interactive online charts, embed videos into articles and presentations, and present information in engaging ways.

### Tox Town Environmental Health Science Units

[Tox Town](#)—six new curriculum units produced by the NIH—introduce middle level students to environmental health science issues in the community. Designed for either classroom or after-school science club use, the units emphasize social action and address the topics of water quality; air quality; chemicals in the home; food safety; runoff, impervious surfaces, and smart development; and bottled water versus tap water. Each unit presents real-world scenarios along with hands-on experiments exploring each topic in more depth. In the water quality unit, for example, students test their school's drinking water, compare it with water from other sources, and communicate their findings to the school community. Tox Town's curriculum developers would like to partner with educators across the country who are using the curriculum units and could share their experiences with colleagues via media and conference presentations. For more information, contact Alla Keselman at [keselmana@mail.nih.gov](mailto:keselmana@mail.nih.gov).

*Find out about wetland outreach activities including symposiums, conferences, meetings, educational opportunities, volunteer opportunities, and related support material at the **Louisiana Unified Coastal Community Calendar** at <http://lacoast.gov/calendar/>*

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